

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-6. (Cancelled).

7. (Currently Amended) A method of producing a soap product comprising:
 - providing facultative ~~anaerobe~~anaerobic effective microorganisms including at least lactic acid bacteria, yeast and photosynthetic bacteria or a fermented material containing facultative ~~anaerobe~~anaerobic effective microorganisms including at least lactic acid bacteria, yeast and photosynthetic bacteria;
 - providing a ceramic powder catalyst by forming a mixture of a clay and a condensed liquid of an antioxidant substance produced by effective microorganisms to form a mixture, aging the mixture and baking the mixture;
 - compounding the effective microorganisms and the ceramic powder catalyst and adding the compounded effective microorganisms and the ceramic powder to a ~~soap product raw material~~fats and mixing; and
 - performing emulsification and saponification;
 - wherein the ceramic powder catalyst enhances a degree of saponification of the ~~soap product~~fats during the production ~~thereeof~~of the soap product; and
 - wherein after the soap product is introduced into a waste water system, the effective microorganisms provided thereby proliferate in the waste water system to enhance a decomposition rate of the soap product itself as well as a decomposition rate of indigenous pollutants in the waste water system to accelerate water purification.
8. (Currently Amended) The method according to claim 7, wherein a hydrophobic antioxidant substance of the fermented material containing facultative

~~anaerobic~~^{anaerobic} effective microorganisms in is integrated into a fat of the soap product raw material ~~the fats~~ for direct fermentation thereof.

9. (Currently Amended) The method according to claim 7, further comprising a step of adding a fermented liquid containing a facultative ~~anaerobic~~^{anaerobic} effective microorganisms including at least lactic acid bacteria, yeast and photosynthetic bacteria after the saponification step to provide a liquid soap product.